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## PATENT

FACSIMILE TRANSMITTAL LETTER



Examiner Tran  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TOTAL NO. OF PAGES: 3  
Sent to Facsimile No.: 571-273-1184  
Examiner Phone No.: 571-272-1184

In re Application of:	Richard M. Herreid et al.		
Serial No.:	10/643,568	Examiner:	Tran
Confirmation No.:	4910	Art Unit:	1725
Filed:	August 19, 2003		
For:	METHOD AND APPARATUS FOR MAKING A SAND CORE WITH AN IMPROVED PRODUCTION RATE		
We are transmitting the following documents:			
Facsimile Transmittal Letter [1 page]			
Fee Transmittal for FY 2005 [1 page]			
Terminal Disclaimer To Obviate A double Patenting Rejection Over A Prior Patent [1 page]			

Please charge Deposit Account 50-0549 for any fees under 37 CFR §1.16 and §1.17 that may be required during the pendency of this application. This authorization includes the fee for any extension of time under 37 CFR §1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

Respectfully submitted,

Registration No. 45,070	Direct Dial 612-331-7419	
Date: February 14, 2005		Robin A. Sannes
United States Patent and Trademark Office		
Customer No. 23322		
Certificate of Facsimile Transmission		
Pursuant to 37 CFR 1.8, I certify that this correspondence is being sent to the telephone number shown below, addressed to: Examiner Tran, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below indicated date.		
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Date February 14, 2005	Printed Name Diane M. Wimperis	
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PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0851-0032  
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Effective on 12/09/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 130

**Complete if Known**

Application Number	10/643,568
Filing Date	August 19, 2003
First Named Inventor	Richard M. Herreid et al.
Examiner Name	Tran
Art Unit	1725
Attorney Docket No.	100P288US11

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 50-0549 Deposit Account Name: IPLM Group, P.A.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 20 or HP =	x	=				
HP = highest number of total claims paid for, if greater than 20						
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Terminal Disclaimer

130

**SUBMITTED BY**

Signature

Name (Print/Type)

Robin A. Sannes

Registration No.  
(Attorney/Agent)

45,0702/16/2005-HSPT1181200000745054

Date February 14, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the publication, examination, and processing of an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
50	0549
FEE CODE	VALUE FURNISHED
1814	130.

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